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**APR 09 2008**



**Fax Cover Sheet**

DATE: 04.09.2008

TO: Sheng-Jen Tsai

(571) 272-4244 FAX (571) 273-8300

FROM: David A. Divine

RE: 10/779,328

- Interview Request Form (Attny Dckt No.: MS1-1851US)

NUMBER OF PAGES (including cover sheet): 3

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Thank you for agreeing to an interview. Please confirm receipt of fax and acceptance of interview.

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PTOL-413A (10-07)  
Approved for use through 10/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

### Applicant Initiated Interview Request Form

Application No.: 10/779,328First Named Applicant: Umesh MadanExaminer: Sheng-Jen TsaiArt Unit: 2186

Status of Application: \_\_\_\_\_

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**Tentative Participants:**(1) Sheng-Jen Tsai(2) David A. Divine(3) Jacob S. Scott

(4) \_\_\_\_\_

APR 09 2008

Proposed Date of Interview: April 11, 2008Proposed Time: 2:00PM EST (AM/PM)**Type of Interview Requested:**(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video ConferenceExhibit To Be Shown or Demonstrated: ☐ YES☒ NO

If yes, provide brief description: \_\_\_\_\_

### Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>103</u>	<u>1, 8, 17, 27</u>	<u>Schneider &amp; Chen et al.</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Continuation Sheet Attached					

**Brief Description of Arguments to be Presented:**Discuss proposed claim amendments to independent claims 1, 8, 17 and 27. See appended claim amendments.

An interview was conducted on the above-identified application on \_\_\_\_\_

**NOTE:** This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

  
Applicant/Applicant's Representative Signature

Examiner/SPE Signature

David A. Divine

Typed/Printed Name of Applicant or Representative

51,275

Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**Date:** April 9, 2008

**To:** Examiner Sheng-Jen Tsai

**Applicant:** Madan et al

**Applicant's Representative:** David A. Divine

**Application No.:** 10/779,328

**Attorney Docket No.:** MS1-1851US

**Subject:** Proposed Claim Amendments

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8. **(Proposed Claim Amendment)** A system, comprising:

an inverse query engine configured to test an input against a collection of filters;

a cache associated with the inverse query engine, wherein the inverse query engine cache comprises a control module, an add filter module, a remove filter module, a matcher, a maintainer, an expire module, a trim module, a cache weight module, a cache weight, an optimal weight, a maximum weight, a filter table, a most recently used list, and an expiration list;

the filter table stored in the cache and containing multiple filters, wherein the new filter comprises a condition field, a data field, an expiration time field, a filter weight field, and a permanent flag field; and

a maintainer configured to maintain a size of the filter table within definite cache bounds, wherein the maintainer removes a filter based on an expiration time from the cache and trims the cache; wherein the trim module of the maintainer, upon the occurrence of the filter table reaching the maximum weight, determines the cache weight and identifies filters to be removed and removes filters from the filter table to obtain the optimal weight;

wherein the size of the filter table may be indicated by size of the filter or by weight of the filter.